



Department of Mechatronics Engineering
Khulna University of Engineering & Technology
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Biography

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Sourav Roy

Assistant Professor

Research Area Optoelectronic Device, III-V, III-N, Perovskite, Polymer & Dye-based Photovoltaic System Design, MPP tracking algorithm, Particle Swarm Optimization, Polarization-mode Dispersion, Embedded System Design

Education

Master of Science in Electrical & Electronic Engineering

Khulna University of Engineering & Technology ,Bangladesh(2015-2017)

Thesis Title: [Crystallographic Orientation-dependent Optoelectronic Properties of InGaN/GaN Blue Laser](#)

Bachelor of Science in Electrical & Electronic Engineering

Khulna University of Engineering & Technology ,Bangladesh(2009-2014)

CGPA 3.75/more for consecutive 8 semesters

Higher Secondary Certificate

Khulna Public College ,Bangladesh(2007-2009)

BUET Merit Position:908; Total seat: 910+55(Reserved) && KUET Merit position:31; Total seat: 540+5(Reserved)

Secondary School Certificate

Rotary School, Khalishpur, Khulna ,Bangladesh(2005-2007) Achievement:Golden A+

Service Records

- **Lecturer**
Department/Section: Electrical and Electronic Engineering
European University of Bangladesh *From to*
Responsibility:Teaching at UG Level
- **Lecturer**
Department/Section: Electrical and Electronic Engineering
Varendra University *From to*
Responsibility:Teaching at UG level
- **Lecturer**
Department/Section: Electrical and Electronic Engineering
Jessore University of Science & Technology *From to*
Responsibility:Teaching & Research
- **Assistant Professor**
Department/Section: Electrical and Electronic Engineering
Jessore University of Science & Technology *From to*
Responsibility:Teaching & Research
- **Assistant Professor**
Department/Section: Mechatronics Engineering
Khulna University of Engineering & Technology *From to*
Responsibility:Teaching and Research

Research Interest

Optoelectronic Device, III-V, III-N, Perovskite, Polymer & Dye-based Photovoltaic System Design, MPP tracking algorithm, Particle Swarm Optimization, Polarization-mode Dispersion, Embedded System Design

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 <https://orcid.org/0000-0001-5739-2525>

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